

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054784.D
 Acq On : 30 Aug 2022 10:54
 Operator : CG/JU
 Sample : PB147302BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147302BL

Quant Time: Aug 30 16:03:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

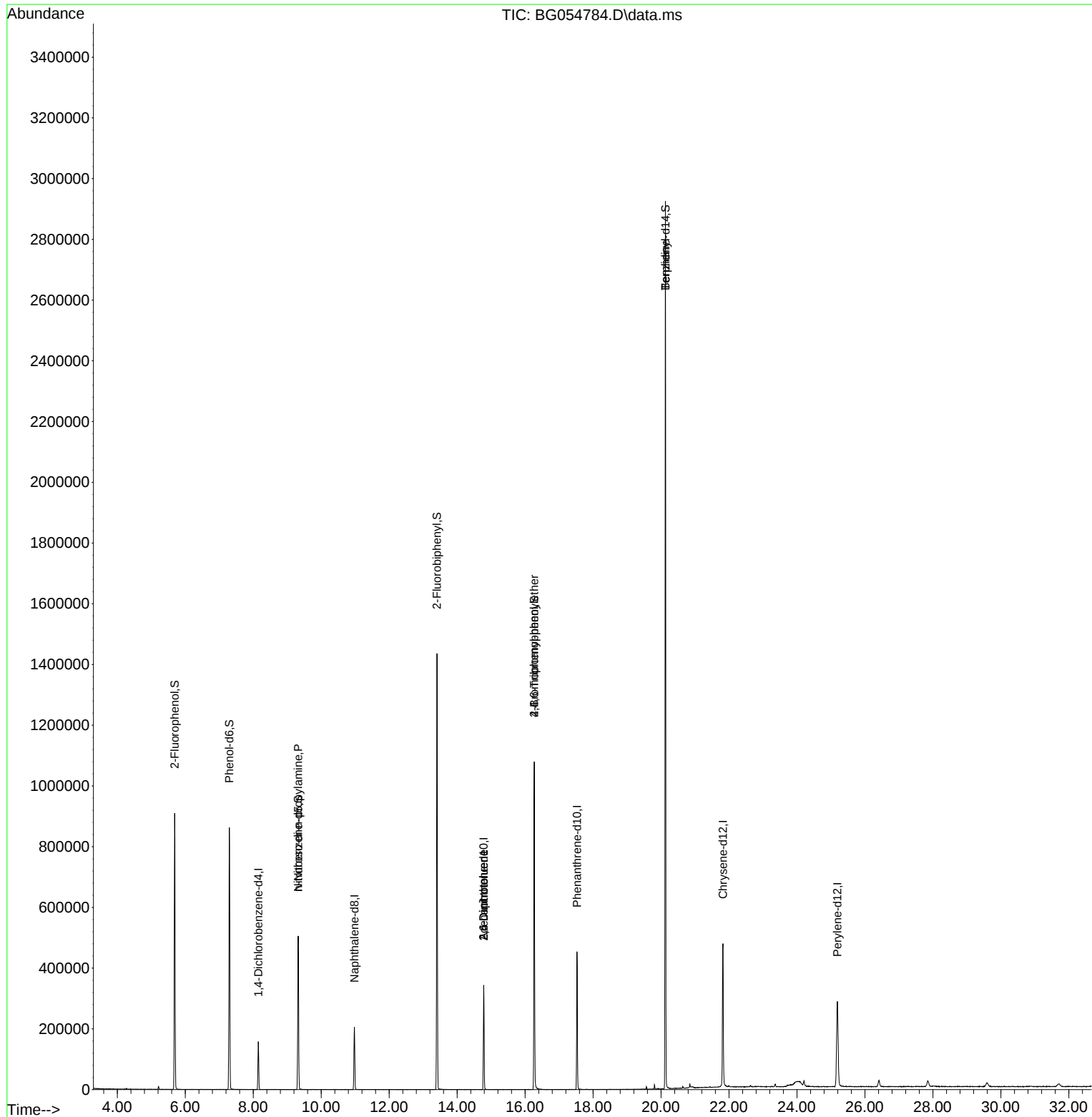
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	47681	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	188539	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	125687	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	298569	20.000	ng	0.00
76) Chrysene-d12	21.822	240	317445	20.000	ng	0.00
86) Perylene-d12	25.188	264	325218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	411613	150.325	ng	0.00
7) Phenol-d6	7.298	99	535935	143.120	ng	0.00
23) Nitrobenzene-d5	9.325	82	325276	90.569	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	228093	145.232	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	774649	92.636	ng	0.00
79) Terphenyl-d14	20.130	244	1458897	91.060	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.325	70	41098	15.960	ng	# 77
51) 2,6-Dinitrotoluene	14.783	165	16367	8.264	ng	# 20
57) 2,4-Dinitrotoluene	14.783	165	16367	5.974	ng	# 18
67) 4-Bromophenyl-phenylether	16.269	248	14755	4.501	ng	# 1
77) Benzidine	20.130	184	22430	2.853	ng	# 92

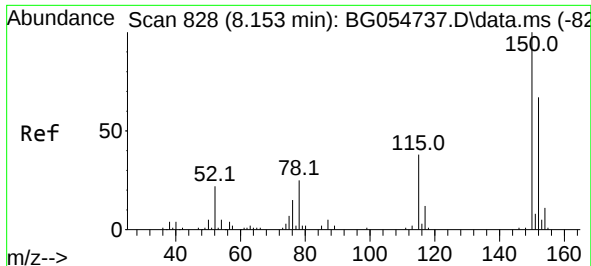
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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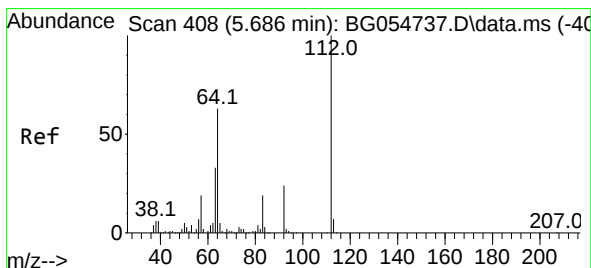
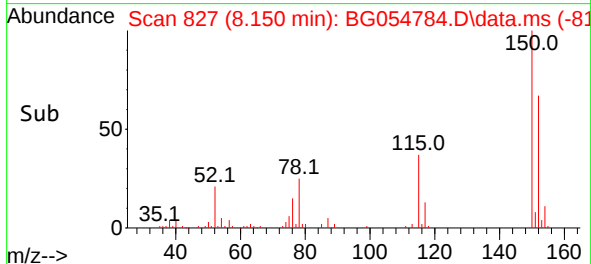
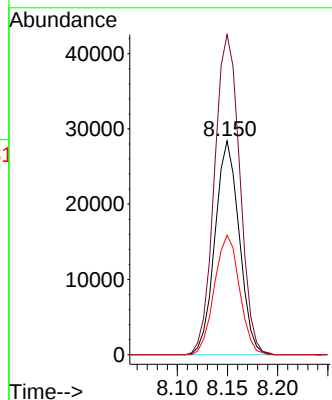
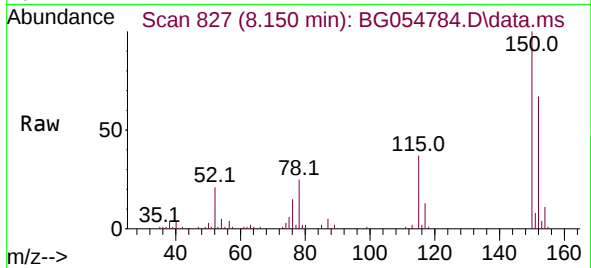




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

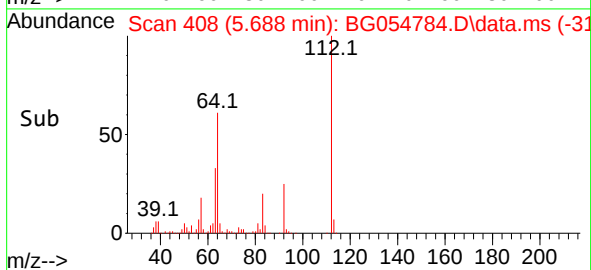
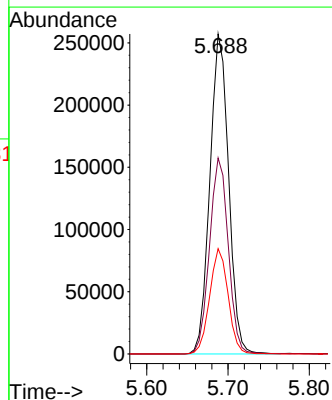
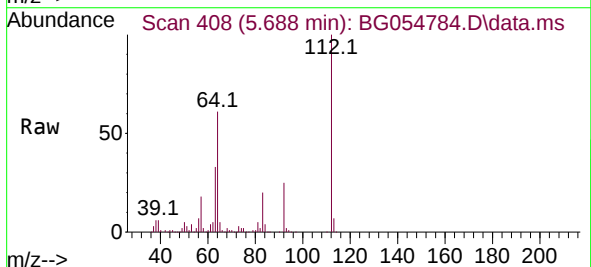
Instrument :
BNA_G
ClientSampleId :
PB147302BL

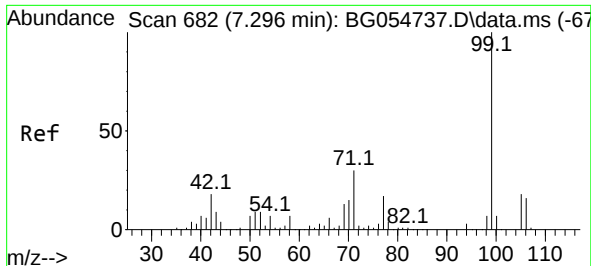
Tgt Ion:152 Resp: 47681
Ion Ratio Lower Upper
152 100
150 149.8 125.2 187.8
115 55.9 47.9 71.9



#5
2-Fluorophenol
Concen: 150.325 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion:112 Resp: 411613
Ion Ratio Lower Upper
112 100
64 61.3 49.3 73.9
63 32.9 26.3 39.5

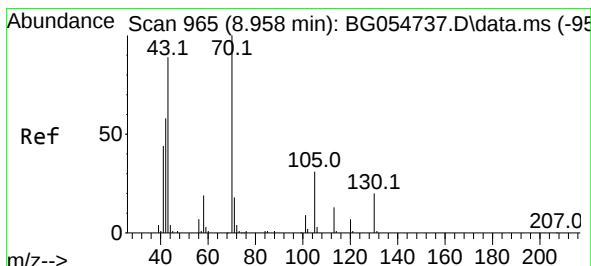
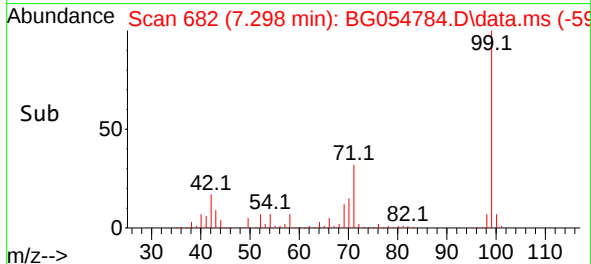
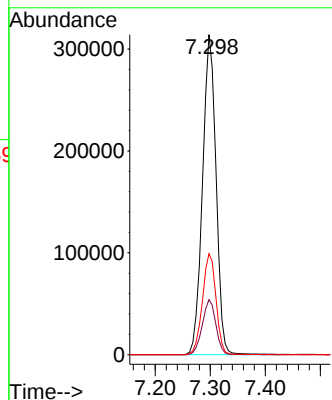
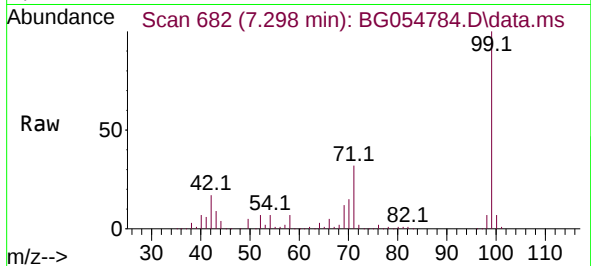




#7
Phenol-d6
Concen: 143.120 ng
RT: 7.298 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

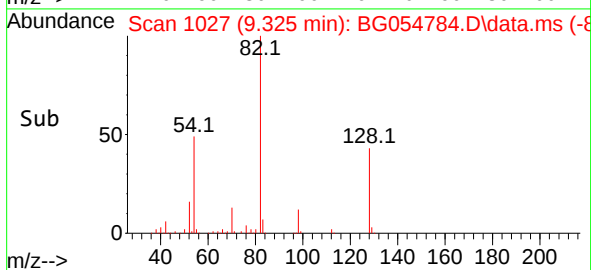
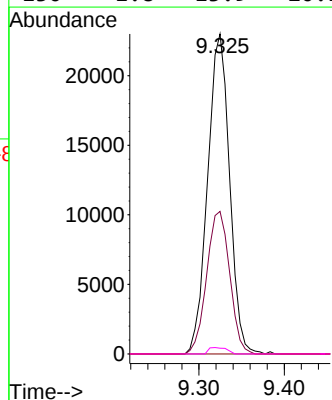
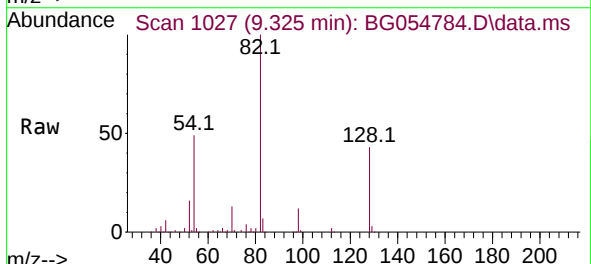
Instrument :
BNA_G
ClientSampleId :
PB147302BL

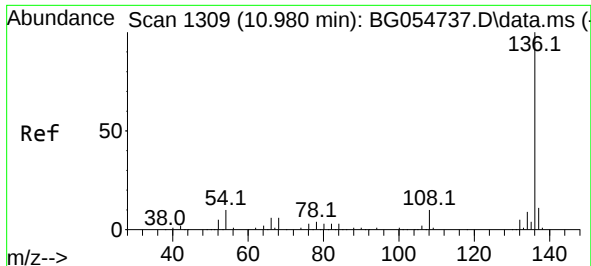
Tgt Ion: 99 Resp: 535935
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 31.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.960 ng
RT: 9.325 min Scan# 1027
Delta R.T. 0.366 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion: 70 Resp: 41098
Ion Ratio Lower Upper
70 100
42 44.5 46.6 69.8#
101 0.0 7.7 11.5#
130 1.8 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

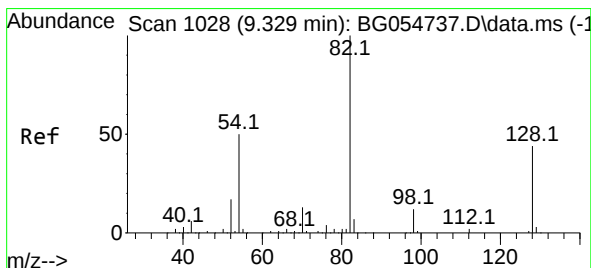
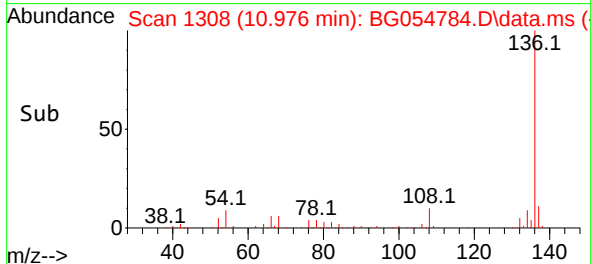
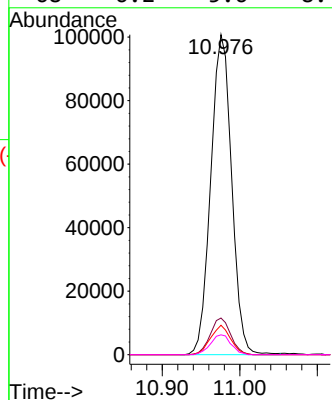
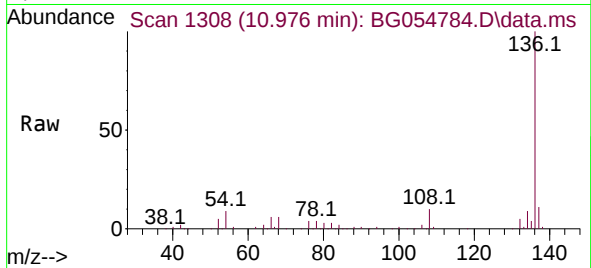
Instrument :

BNA_G

ClientSampleId :

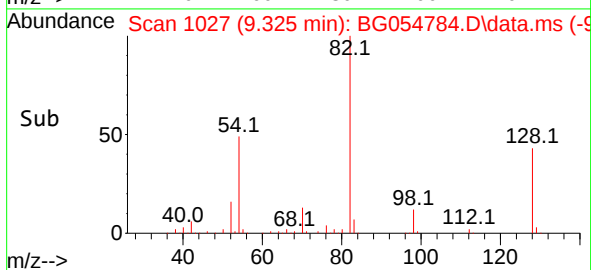
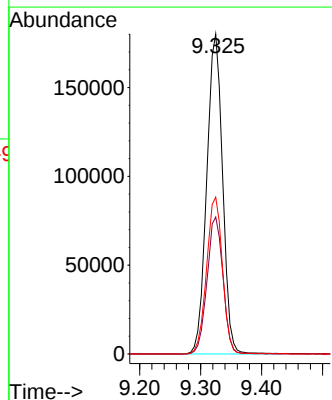
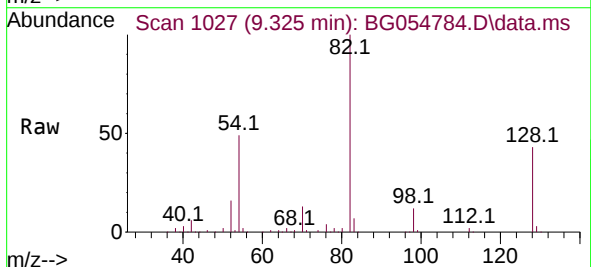
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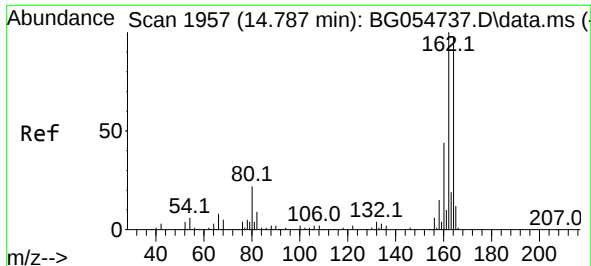
Tgt Ion:136 Resp: 188539
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.2 7.7 11.5
68 6.2 5.6 8.4



#23
Nitrobenzene-d5
Concen: 90.569 ng
RT: 9.325 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion: 82 Resp: 325276
Ion Ratio Lower Upper
82 100
128 42.8 32.2 48.2
54 49.0 41.4 62.0

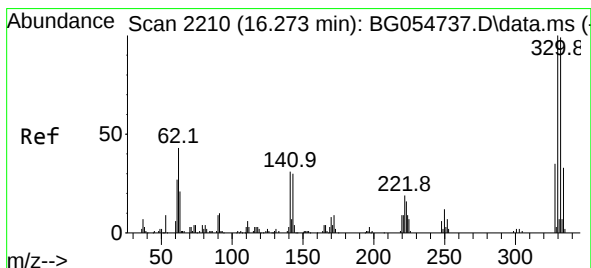
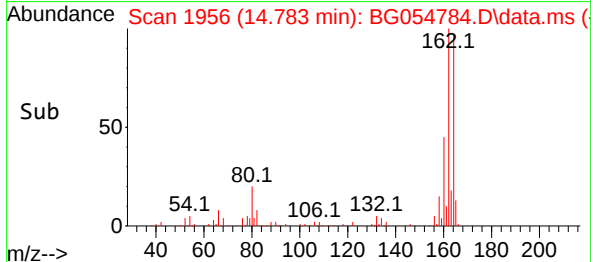
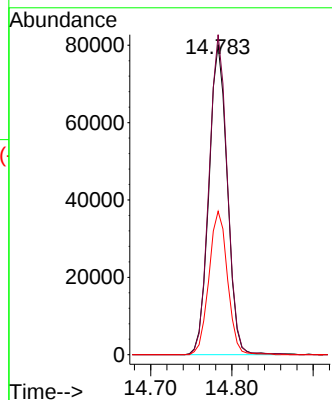
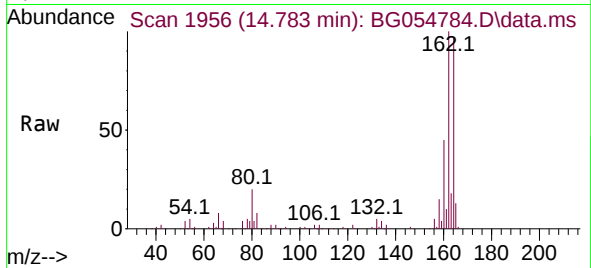




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

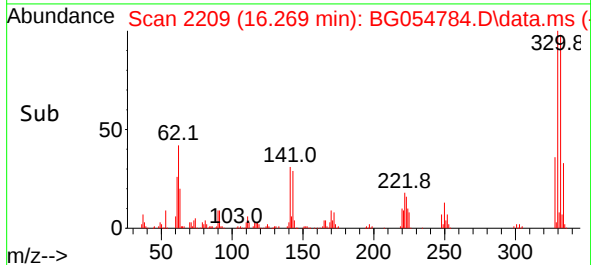
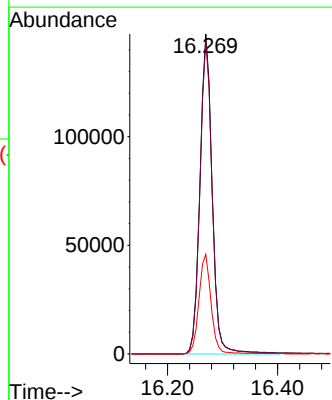
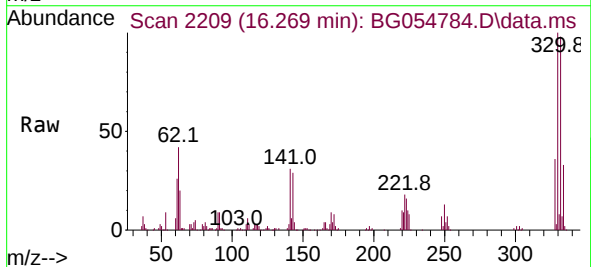
Instrument :
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ClientSampleId :
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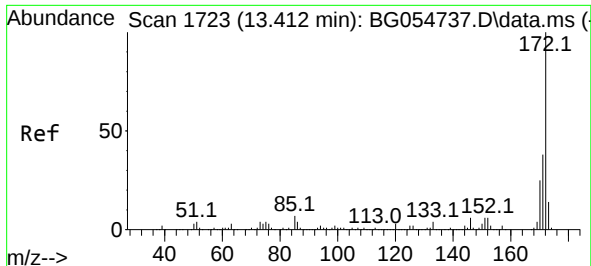
Tgt Ion:164 Resp: 125687
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.4
160 46.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 145.232 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion:330 Resp: 228093
Ion Ratio Lower Upper
330 100
332 97.6 79.8 119.6
141 31.1 26.8 40.2

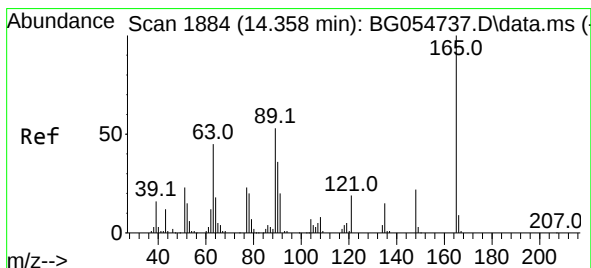
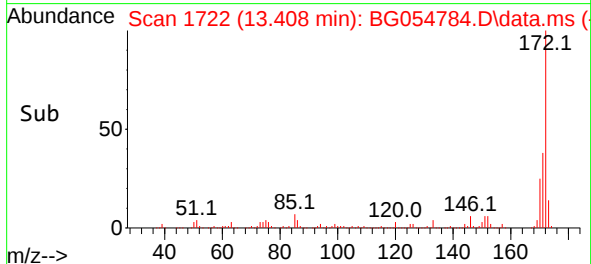
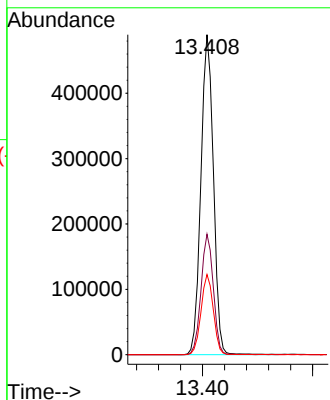
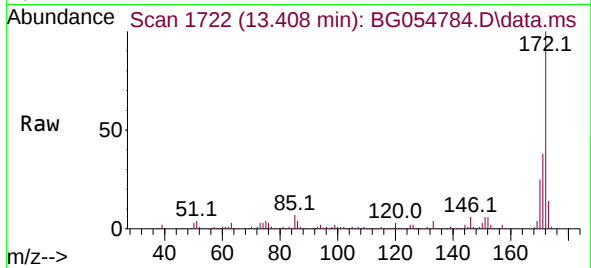




#45
2-Fluorobiphenyl
Concen: 92.636 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

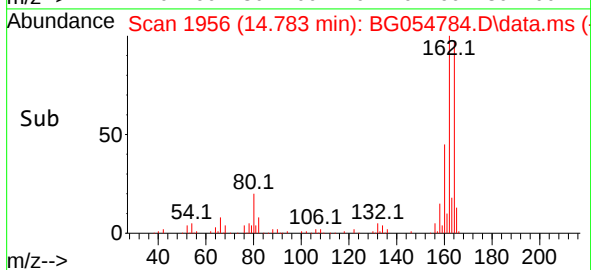
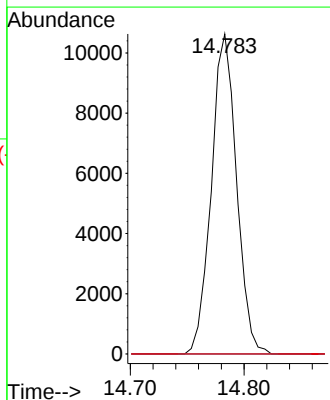
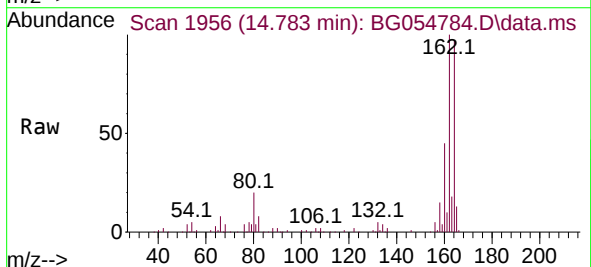
Instrument :
BNA_G
ClientSampleId :
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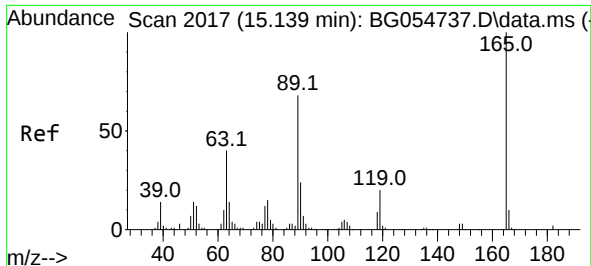
Tgt Ion:172 Resp: 774649
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.264 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.425 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

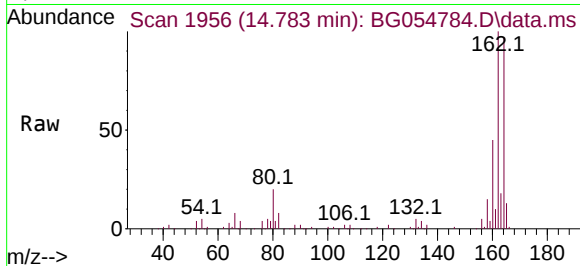
Tgt Ion:165 Resp: 16367
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



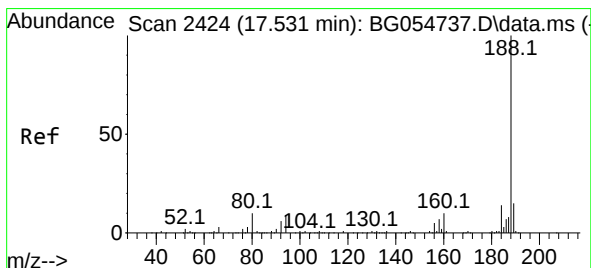
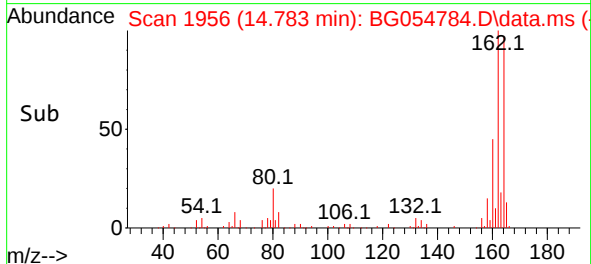
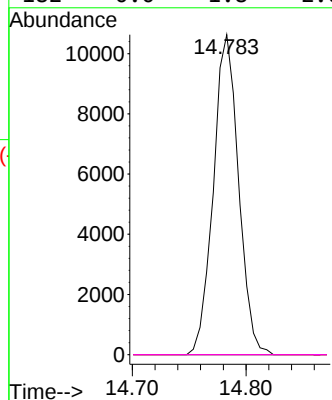


#57
2,4-Dinitrotoluene
Concen: 5.974 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.356 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Instrument :
BNA_G
ClientSampleId :
PB147302BL

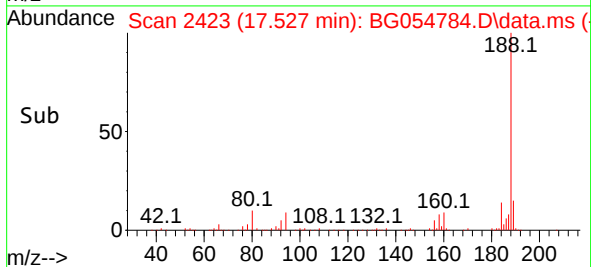
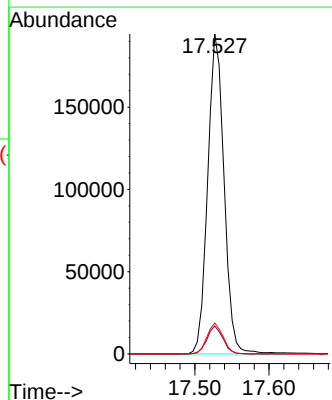
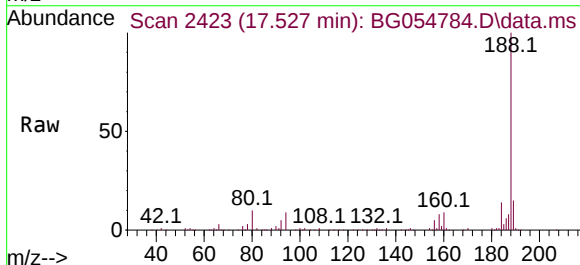


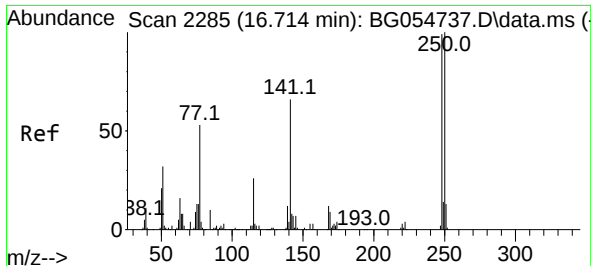
Tgt Ion:165 Resp: 16367
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion:188 Resp: 298569
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.7 7.9 11.9

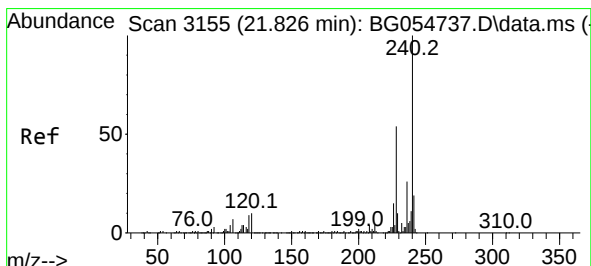
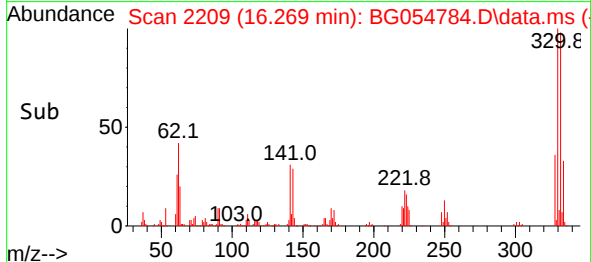
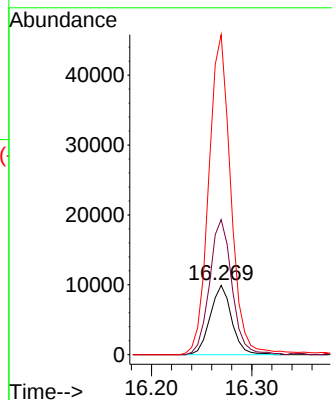
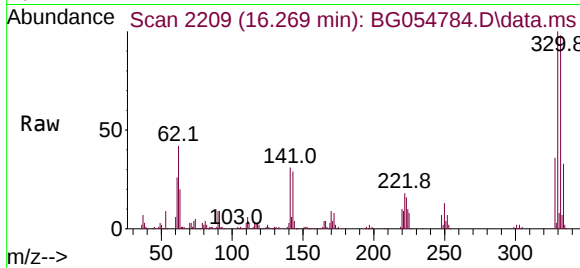




#67
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

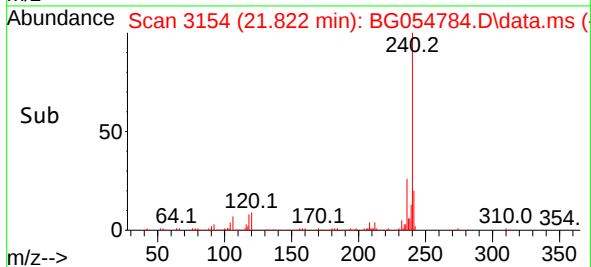
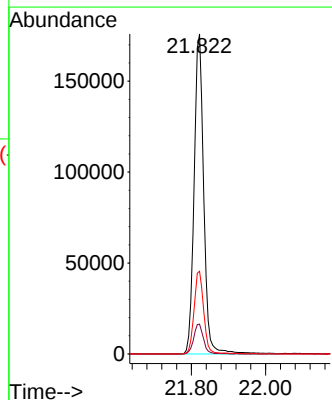
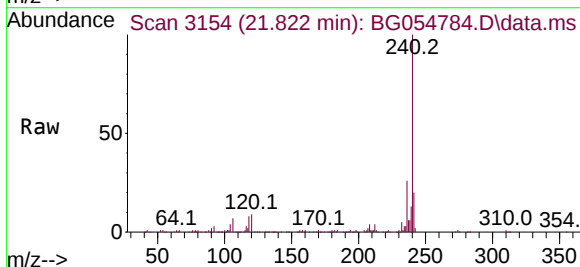
Instrument :
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ClientSampleId :
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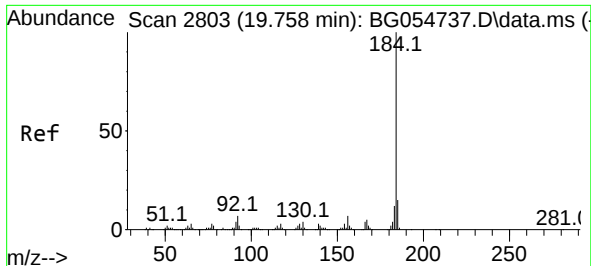
Tgt Ion:248 Resp: 14755
Ion Ratio Lower Upper
248 100
250 194.9 78.8 118.2#
141 461.5 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.822 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion:240 Resp: 317445
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.9 21.2 31.8

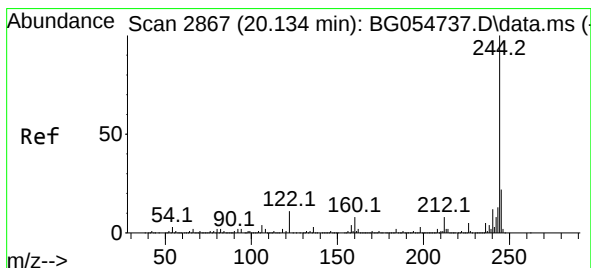
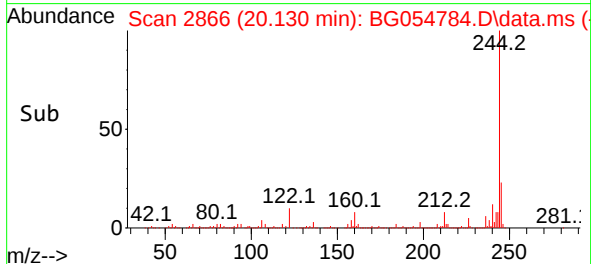
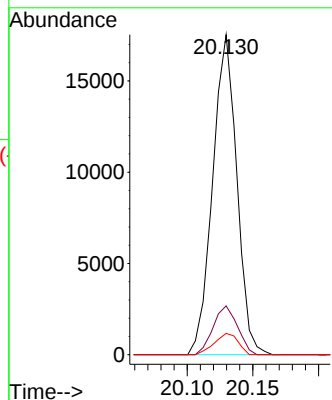
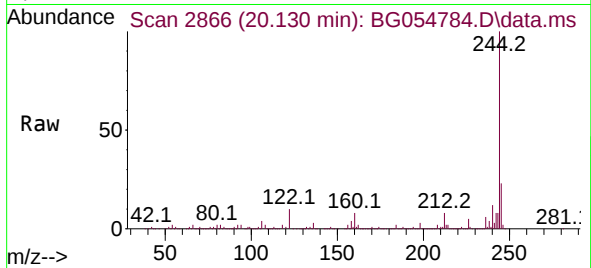




#77
Benzidine
Concen: 2.853 ng
RT: 20.130 min Scan# 21
Delta R.T. 0.372 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

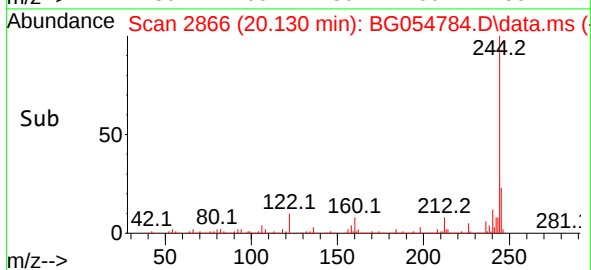
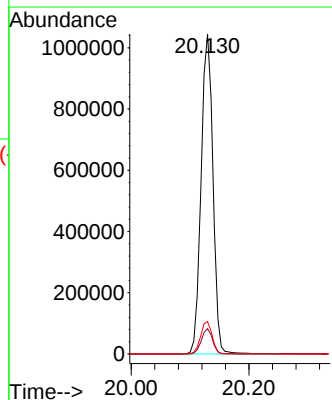
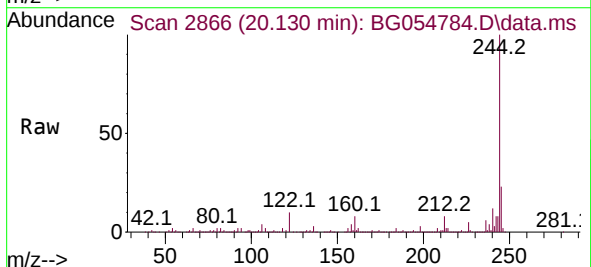
Instrument :
BNA_G
ClientSampleId :
PB147302BL

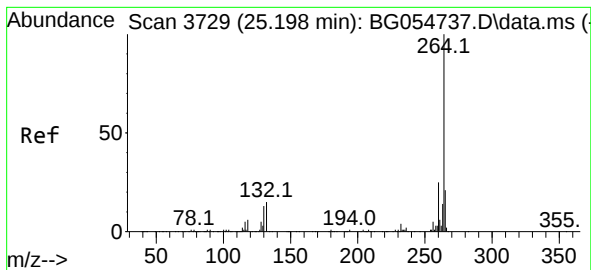
Tgt Ion:184 Resp: 22430
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.0
183 6.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 91.060 ng
RT: 20.130 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

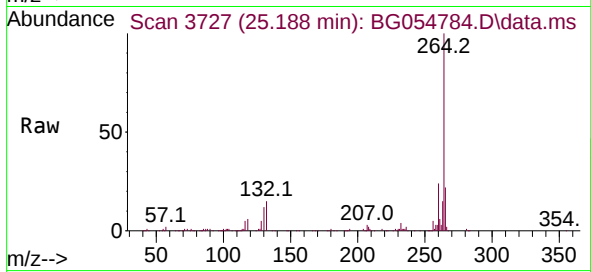
Tgt Ion:244 Resp: 1458897
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.1 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.188 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Instrument :
BNA_G
ClientSampleId :
PB147302BL



Tgt Ion:264 Resp: 325218

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.6	16.9	25.3

